

RESULT 1

A44323

pentaxin PTX3 precursor - human

C;Species: Homo sapiens (man)

C;Date: 10-Jun-1993 #sequence_revision 05-Apr-1995 #text_change
09-Jul-2004

C;Accession: A44323; S18947; S17069; S37597

R;Breviario, F.; d'Aniello, E.M.; Golay, J.; Peri, G.; Bottazzi,
B.; Bairoch, A.; Saccone, S.; Marzella, R.; Predazzi, V.; Rocchi,
M.; Della Valle, G.; Dejana, E.; Mantovani, A.; Introna, M.
J. Biol. Chem. 267, 22190-22197, 1992

A;Title: Interleukin-1-inducible genes in endothelial cells.
Cloning of a new gene related to C-reactive protein and serum
amyloid P component.

A;Reference number: A44323; MUID:93054498; PMID:1429570

A;Accession: A44323

A;Molecule type: mRNA

A;Residues: 1-47, 'A', 49-381 <BR1>

A;Cross-references: UNIPROT:P26022; UNIPARC:UPI000013E2D6

A;Experimental source: umbilical vein endothelial cells

A;Note: sequence extracted from NCBI backbone (NCBIP:117003)

R;Breviario, F.; d'Aniello, E.M.; Golay, J.; Bairoch, A.; Dejana,
E.; Mantovani, A.; Introna, M.

submitted to the EMBL Data Library, January 1992

A;Description: Cloning of a new member of the pentaxin gene family
from interleukin-1 stimulated human endothelial cells.

A;Reference number: S18947

A;Accession: S18947

A;Molecule type: mRNA

A;Residues: 1-381 <BR2>

A;Cross-references: UNIPARC:UPI0000001C86; EMBL:X63613;

NID:g35796; PIDN:CAA45158.1; PID:g35797

C;Genetics:

A;Gene: GDB:PTX3

A;Cross-references: GDB:136459

A;Map position: 3q25-3q25

F;1-17/Domain: signal sequence #status predicted <SIG>

Query Match 100.0%; Score 2007; DB 2; Length 381;
Best Local Similarity 100.0%; Pred. No. 1.6e-149;
Matches 381; Conservative 0; Mismatches 0; Indels
0; Gaps 0;

Qy 1
MHLLAILFCALWSAVLAENSDDYDLMYVNL DNEIDNGLHPTEDPTPCDCGQEHSEWDKLF 60

|||||
Db 1
MHLLAILFCALWSAVLAENSDDYDLMYVNL DNEIDNGLHPTEDPTPCDCGQEHSEWDKLF 60

Qy 61
IMLENSQMRERMLLQATDDVLRGELQRLREELGR LAESLARPCAPGAPAEARLTSALDEL 120

|||||
Db 61
IMLENSQMRERMLLQATDDVLRGELQRLREELGR LAESLARPCAPGAPAEARLTSALDEL 120

Qy 121
LQATRDAGRRLARMEGAE AQRP EEAGRALAAVLEELRQTRADLHAVQGWAARSWLPAGCE 180

|||||
Db 121
LQATRDAGRRLARMEGAE AQRP EEAGRALAAVLEELRQTRADLHAVQGWAARSWLPAGCE 180

Qy 181
TAILFPMRSKKIFG SVHPVRPMRLESFSACI WVKATDVLNKTILFSYGTRKNPYEIQLYL 240

|||||
Db 181
TAILFPMRSKKIFG SVHPVRPMRLESFSACI WVKATDVLNKTILFSYGTRKNPYEIQLYL 240

Qy 241
SYQSIVFVVGGEENKLVAEAMVSLGRWTHLCGTWNSE EGLTSLWVNGELAATTVMATGH 300

|||||
Db 241
SYQSIVFVVGGEENKLVAEAMVSLGRWTHLCGTWNSE EGLTSLWVNGELAATTVMATGH 300

Qy 301
IVPEGGILQIGQEKN GCCVGGGFDETLAFSGRLTG FN IWDSVLSNEEI RETGGAESCHIR 360

|||||
Db 301
IVPEGGILQIGQEKNCCVGGGFDETLAFSGRLTGFNWDSVLSNEEIRETGGAESCHIR 360

Qy 361 GNIVGWGVTEIQPHGGAQYVS 381

|||||
Db 361 GNIVGWGVTEIQPHGGAQYVS 381